

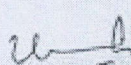


## Research and Development

Date: 10.09.2020

### Sanctioned Capacity Building Projects 2020-21

SN	S/D/C	Name	Project Title	Requested Amount in L	Sanctioned Amount in L	Remarks
1.	Civil	Roopa Kuri	Investigation of piezoelectric properties of Cement based Nano hybrid composites for structural health monitoring	1.1	1.00	Recommended
2.	CSE	P.G Sunita Hiremath	Analyzing the Severity of Substance Use Dependence and its Relationship to Psychological Disorders	3.5	1.50	Recommended
3.	CSE	Sujatha C	Person Tracking in Multi-Camera Environment	5.00	3.50	Recommended
4.		Umadevi F.M	Respiratory Illness Detection	4.50	2.70	Recommended
5.		Shrinivas D Desai	Medical Imaging Annotation	0.55	0.50	Recommended
6.	MCA	Amit K	Software Defined Network Test bed	3.80	2.80	Recommended
7.	ECE	Ujwala Patil	Spectral reconstruction using RGB images	7.00	7.0	Recommended
8.		Suneeta Budihal	Radio resource management in Software Defined Networks for B5G communication	5.60	4.50	Recommended
9.		Shivashankar Huddar	Low Actuation Voltage RF-MEMS Switch: Fabrication and Characterization	5.00	5.00	Recommended
10.	Mechanical	Arun Patil	Design and Development of Bio inspired structures for diverse applications	2.92	1.00	Recommended
11.		Vinayak N Kulkarni	Surface Integrity Studies during Wire Electric Discharge Machining of NiTiNO <sub>2</sub> Smart Alloy	1.50	1.50	Recommended
12.		Praveenkumar Petkar	Experimental studies on cold forging dies with advanced die materials	2.00	2.00	Recommended
13.		Nagaraj Ekbote	Experimental and Numerical Fracture Assessment on Aluminum Alloy Using Constraint Effect of Standard Specimens	2.30	2.00	Recommended
14.	CMS	Venkatesh Ramasamy	Nano thin film coatings on metal components to enhance mechanical and tribological characteristics	4.90	2.00	Recommended Equipment cost in the MS - RC
15.	Mech	Santosh Billur	Bionic design of automobile component exposed to impact loads inspired by bamboo structure and optimization of control variables	2.40	2.00	Recommended
16.	A&R	Sachin Karadgi	Implementing Blockchain Use Cases in Manufacturing using Industrial Setup	2.00	1.50	Recommended
17.	Chem	Sandeep Kurundawade	Kinetic and Mechanistic study of catalysed redox reactions of the molecules with Industrial app	1.75	1.75	Recommended
18.	Physics	Veena Choudapur	Rare earth doped Cobalt chromite nanoparticles for humidity sensing applications.	1.70	1.50	Recommended
19.	Physics	Varsha. Koppal	Non linear optical properties of some heterocyclic molecules	4.20	4.0	Recommended
20.	Physics	Sangeeta Kolavekar	Study of optical properties of bismuth phosphate glasses containing some rare earth oxides for optical device applications	4.00	4.0	Recommended
<b>Total</b>				<b>65.72</b>	<b>51.75</b>	

  
Dr. Uma Mudenagudi

Dean R&D



## Research and Development

Date: 18.09.2020

### Sanctioned Capacity Building Projects 2020-21

SN	S/D/C	Name	Project Title	Requested Amount in L	Sanctioned Amount in L	Remarks
1.	Mechanical	Arun Patil	Design and Development of Bio inspired structures for diverse applications	2.92	1.80	Recommended
2.	ECE	S.R.Nirmala	Bio Medical Signal and Image Processing	3.50	3.50	Recommended
Total				6.42	5.30	

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